Sub/ROV ID:

Dive Information Form

Activity ID: GOA04_ACT0043
Dive Number: 4036

General Dive Information

Target Area Name:

PARTICIPANTS				BOUNDING COORDINATES			
PARTICIPANT 1	PART. 1 ROLE	PARTICIPANT 2	PART. 2 ROLE	North (Lat)	South (Lat)	East (Long)	West (Long)
Amy Baco-Taylor	Port Observer	Peter Etnoyer	Starboard Observer	56° 17.85 N	56° 17.18 N	142° 28.253 W	142° 28.31 W
PARTICIPANT 3	PART. 3 ROLE	PARTICIPANT 4	PART. 4 ROLE	DATES		TIMES	
Anthony Tarantino	Pilot			START	STOP	START	STOP
Max Depth (m):	1210 m			8/12/2004	8/12/2004	08:00:00 PDT	14:12:00 PDT

ASSOCIATED PROJECT:

Brief Physical/Biological Desciption of Dive Track

Example: Dive started on flat sandy bottom. Changed to rock and cobble, with numerous octocoral and fans, as large rock wall was approached at about the mid point of dive track. Worked up and down wall from north end to south end until the end of the dive... *(please DO NOT reference tracking file)*

We landed at 1100 meters in a sparse monotypic assemblage of Bamboo corals surrounded by large rock outcroppings with intermittent Bamboo sea whips. Grenadiers were abundant both in the water column and above the terrain. Small galatheid crabs and shrimps were omnipresent, as were anemones, pennatulids, and Anthromastus colonies. We collected syphonogorgia, zoanthidea, and anthromastus. We conducted two 200m transects on steep slopes. Several coral types collected on other dives at similar depths were notably absent, particularly the Primnoids. Life in general was extremely limited. Sedimentation increased towards the end of the dive.

Dive Objectives

Provide a brief description of the objectives for this dive.

Coral collections, video transects, rock samples.

Data, Samples, Multimedia Collected During Dive

Multimedia? ☐ Y ☐ N Samples? ☐ Y ☐ N Data? ☐ Y ☐ N Transects? ☐ Y ☐ N

Comments

Excellent video documentation of syphonogorgia colonies insitu, and grenadier fish.

Sub/ROV ID:

Dive Information Form

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Dive Number: ____________

Scientist Observations and Ratings of Dive Track

DIVE TRACK RATINGS Rate the dive track overall (1=low; 10=high): Uniqueness ☐ Health ☐ Disturbance ☐ Biodiversity ☐

RELIEF VARIATION Highest observed feature (m): ☐

GEOMORPHOLOGY & SEDIMENTS (Check all that were observed)

Dominant Features/% Cover

- ☐ mounds ____
- ☐ pinnacles ____
- ☐ ridges ____
- ☐ drowned reefs ____
- ☐ rock outcrops ____
- ☐ low-relief hard bottom ____
- ☐ sand waves ____
- ☐ pits ____
- ☐ vents ____
- ☐ sea mounts ____
- ☐ walls ____
- ☐ pinnacles/ridges ____
- ☐ oculina rubble ____
- ☐ rock rubble ____
- ☐ sand ____
- ☐ Other...

Sediments and % Cover

- ☐ Rock, Continuous Strata ____
- ☐ Boulder (> 256Mm) ____
- ☐ Cobble (64mm - 256mm) ____
- ☐ Gravel (4mm - 64mm) ____
- ☐ Coarse Sand (.5mm - 4mm) ____
- ☐ Medium Sand (.25mm - .5mm) ____
- ☐ Fine Sand (.06mm - .25mm) ____
- ☐ Silt (.004mm - .06mm) ____
- ☐ Clay (< .004mm)- ____
- ☐ Mix of Boulders & Cobbles ____
- ☐ Mix of Cobbles & Gravel ____
- ☐ Mix of Gravel & Sand ____
- ☐ Mix of Sand & Silt ____
- ☐ Mix of Silt & Clay ____
- ☐ Artificial Substrate-Vertical Piling ____
- ☐ Other...

Living Habitat Structure and % Cover

- ☐ Sponges ____
- ☐ Stony Corals ____
- ☐ Octocorals ____
- ☐ Bryozoans ____
- ☐ Oculina ____
- ☐ Dead Coral w/ encrusting orgs ____
- ☐ Other Ceranthids ____
- ☐ Sponge/Octocorals 2% ____
- ☐ Hydroids, bryozoans ____
- ☐ Other...

Comments/Other Types:

HUMAN ACTIVITY OR IMPACT

- ☐ Anchor Damage
- ☐ Trawl Tracks or Damage
- ☐ Wrecks
- ☐ Discarded Gear
- ☐ Active Gear
- ☐ Garbage
- ☐ Excavations
- ☐ Buoys or Markers
- ☐ Suspected Disease
- ☐ Sedimentation
- ☐ Spilled Fuel
- ☐ Cables
- ☐ Oil & Gas Development
- ☐ Other...

Comments:

LIVING MARINE RESOURCES

Abundance: Circle estimated abundance of fish & invertebrates.
0-None; **S**ingle; **F**ew (2 - 10); **M**any (11 - 100); **A**bundant (>100)

Pelagic Fish:	N S F M A
Bottom Fish:	N S F M A
Crustacean:	N S F M A
Mollusk:	N S F M A
Echinoderm:	N S F M A
Other Benthic:	N S F M A

Other Benthics:

Unique/rare invertebrate species observed:

Unique/rare vertebrate species observed:

Comments:

FISH OBSERVATIONS AND ABUNDANCE

Abundance: **Mark whether: S**-Single; F-**F**ew (2 - 10); M-**M**any (11 - 100); A-**A**bundant (>100)

________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A

General Comments